



STIC Search Report

EIC 3600

STIC Database Tracking Number: 106846

TO: Michael Butler
Location: Pk. 5, 5A20
Art Unit: 3653
Monday, October 27, 2003

Case Serial Number: 10/051095

From: Caryn Wesner-Early
Location: EIC 3600
PK5-Suite 804
Phone: 306-5967

caryn.wesner@uspto.gov

Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early, MSL
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
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caryn.wesner@uspto.gov

31

Access DB# 106846

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Miriam I. Butler Examiner #: 74655 Date: 10/24/03
 Art Unit: 3653 Phone Number 30: 54344 Serial Number: 10684695
 Mail Box and Bldg/Room Location: 5A20 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Plastic Bag Dispenser

Inventors (please provide full names): Chih-Shien Chen, Houston, TX

Earliest Priority Filing Date: 1/22/02

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

See Attached.

221/63
b65 h-001?

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>Eliz. Wm. J. Kelly</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>305-591-7</u>	AA Sequence (#)	Dialog _____
Searcher Location:	<u>F11 36100</u>	Structure (#)	Questel/Orbit _____
Date Searcher Picked Up:	<u>10/27/03</u>	Bibliographic	Dr. Link _____
Date Completed:	<u>10/27/03</u>	Litigation	Lexis/Nexis _____
Searcher Prep & Review Time:		Fulltext	Sequence Systems _____
Clerical Prep Time:		Patent Family	WWW/Internet _____
Online Time:		Other	Other (specify) _____

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?show files;ds
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)
    (c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Oct W03
    (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031023,UT=20031016
    (c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200368
    (c) 2003 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
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File 120:U.S. Copyrights 1978-2003/Oct
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    (c) 2003 Elsevier Eng. Info. Inc.
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    (c) 2003 INIST/CNRS
File 248:PIRA 1975-2003/Oct W3
    (c) 2003 Pira International
File 323:RAPRA Rubber & Plastics 1972-2003/Oct
    (c) 2003 RAPRA Technology Ltd
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Oct W3
    (c) 2003 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
    (c) 1998 Inst for Sci Info
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep
    (c) 2003 The HW Wilson Co.
File 67:World Textiles 1968-2003/Oct
    (c) 2003 Elsevier Science Ltd.
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Oct 22
    (c) 2003 The Gale Group
File 15:ABI/Inform(R) 1971-2003/Oct 25
    (c) 2003 ProQuest Info&Learning
File 990:NewsRoom Current 2003/Oct 27
    (c) 2003 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2003/Oct 24
    (c) 2003 The Gale group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 27
    (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 24
    (c) 2003 The Gale Group
File 483:Newspaper Abs Daily 1986-2003/Oct 25
    (c) 2003 ProQuest Info&Learning
File 484:Periodical Abs PlusText 1986-2003/Oct W3
    (c) 2003 ProQuest
File 141:Readers Guide 1983-2003/Sep
    (c) 2003 The HW Wilson Co

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Set	Items	Description
S1	6261	AU='CHEN C'
S2	485	AU='CHEN C S':AU='CHEN C S K'
S3	18	AU='CHEN CHIH'
S4	2	AU='CHEN CHIH SHEN'

S5 0 AU='CHEN CHIH-SHEN'
S6 60 AU='CHEN, C'
S7 8 AU='CHEN, C S'
S8 2 AU='CHEN, C. -S.'
S9 354 AU='CHEN, C. S':AU='CHEN, C. S. J.'
S10 356 AU='CHEN, C.S.':AU='CHEN, C.S.H.'
S11 8 AU='CHEN, CHIH'
S12 0 AU='CHEN, CHIH-SHEN'
S13 0 AU='CHEN, CHIH SHEN'
S14 7542 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 -
OR S11 OR S12 OR S13
S15 19274 IC=B65H-001?
S16 3340 S14 FROM 347,348,349,350,371
S17 1 S15 AND S16
S18 4202 S14 NOT S16
S19 5387587 PLASTIC? OR ACETATE? OR ACRYLIC? OR NEOPRENE OR POLYURETHA-
NE OR POLYVINYL OR POLY() (ETHYLENE OR STYRENE OR URETHANE OR -
PROPYLENE) OR POLYETHYLENE OR POLYPROPYLENE OR POLYSTYRENE OR
POLYVINYLCHLORIDE OR PVC OR VEGETABLE? ? OR GROCER??
S20 811340 BAG OR BAGS OR SACK? ? OR SAC? ? OR WRAPPER? ? OR POUCH??
S21 57260 S19()S20
S22 0 S18 AND S21
S23 4 S18 AND S20
S24 5 S17 OR S23

24/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015524431 **Image available**
WPI Acc No: 2003-586579/200355
XRPX Acc No: N03-467166

Plastic bag dispenser for use in e.g. supermarket, has adhesive provided on top near opening of bag for sticking to next below bag, wherein closed ends are bent downward towards openings of bags to form bent section at underside of stack

Patent Assignee: CHEN C (CHEN-I)

Inventor: *CHEN C*

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030136793	A1	20030724	US 200251095	A	20020122	200355 B

Priority Applications (No Type Date): US 200251095 A 20020122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030136793	A1	10	B65H-001/00	

Inventor: *CHEN C*

International Patent Class (Main): *B65H-001/00*

24/AA,AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015524431
WPI Acc No: 2003-586579/

Plastic bag dispenser for use in e.g. supermarket, has adhesive provided on top near opening of bag for sticking to next below bag, wherein closed ends are bent downward towards openings of bags to form bent section at underside of stack

Local Applications (No Type Date): US 200251095 A 20020122

Priority Applications (No Type Date): US 200251095 A 20020122

24/AA,AN,AZ,TI/2 (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

15913903 PASCAL No.: 03-0053317
Gastric bypass model in the obese rat to study metabolic mechanisms of weight loss

24/AA,AN,AZ,TI/3 (Item 2 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

12625573 PASCAL No.: 96-0318303
Stimulation of an insulin receptor activates and down-regulates the Ca SUP 2 SUP + -independent protein kinase C, Apl II, through a wortmannin-sensitive signaling pathway in Aplysia

24/AA,AN,AZ,TI/4 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

11079814
Title: Gastric bypass model in the obese rat to study metabolic mechanisms of weight loss

24/AA,AN,AZ,TI/5 (Item 2 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

08565525
Title: Pollen-pistil interactions in Nicotiana tabacum

?show files;ds
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)
 (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200368
 (c) 2003 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	1513187	PLASTIC? OR ACETATE? OR ACRYLIC? OR NEOPRENE OR POLYURETHANE OR POLYVINYL OR POLY() (ETHYLENE OR STYRENE OR URETHANE OR - PROPYLENE) OR POLYETHYLENE OR POLYPROPYLENE OR POLYSTYRENE OR POLYVINYLCHLORIDE OR PVC OR VEGETABLE? ? OR GROCER???
S2	177946	BAG OR BAGS OR SACK? ? OR SAC? ? OR WRAPPER? ? OR POUCH??
S3	1746757	DISPENS??? OR SERV??? OR (DOLE? ? OR DOLING OR METE? ? OR - METING OR MEASURE? ? OR MEASURING OR HAND???) ()OUT OR APPORTION??? OR BOX?? OR RECEPTACLE? ? OR CONTAINER? ? OR HOPPER? ? - OR PACKAGE? ?
S4	3270201	OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR PERFORAT??? OR GAP? ? OR INTERSTIC??? OR INTERSPACE? ? - OR PIERCE? ? OR CAVIT??? OR CUTOUT? ? OR CUT() (OUT OR OUTS) OR SLIT OR SLITS OR SLOT OR SLOTS
S5	2051374	ADHESIVE? ? OR FUS??? OR GLUE? ? OR BOND??? OR CEMENT?? OR (STICK??? OR STUCK OR ATTACH???) ()(TO OR TOGETHER) OR MUCILAGE OR MASTIC OR PASTE OR EPOXY
S6	9555	S1()S2
S7	0	S3(10N)S7
S8	1150414	LENGTHWISE OR WIDTHWISE OR FLARED OR (T OR TEE) ()SHAPE? ? - OR (2 OR TWO OR PERPENDICULAR) ()(ARM OR ARMS OR ARMED OR BRANCH??) OR LONGWISE OR SHORTWISE OR VERTICAL OR HORIZONTAL
S9	1597	S3(10N)S6
S10	116690	S4(10N)S8
S11	5	S5 AND (S9(S)S10)
S12	2334	S3(S)S6
S13	248932	S4(S)S8
S14	15	S5 AND (S12(S)S13) {
S15	15	IDPAT (sorted in duplicate/non-duplicate order)
S16	15	IDPAT (primary/non-duplicate records only)

16/3,K/1 . (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015616121 **Image available**
WPI Acc No: 2003-678278/200364
XRPX Acc No: N03-541479

Plastic bag opening and dispensing apparatus has clamp frame with foam pad and drive plate which fingers to selectively grip bag and gas blower to supply air for opening ends of bag fully

Patent Assignee: ROMANO A C (ROMA-I); SACCHETTI A D (SACC-I)

Inventor: ROMANO A C; SACCHETTI A D

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030111535	A1	20030619	US 200120608	A	20011218	200364 B
US 6588666	B1	20030708	US 200120608	A	20011218	200364

Priority Applications (No Type Date): US 200120608 A 20011218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030111535	A1	16		G06K-007/10	
US 6588666	B1			G06K-007/10	

Abstract (Basic):

... a cabinet (10), selectively grips bottom layer of plastic bags (21). A motor (48) is *attached* *to* gear (46) for driving a rack (45) fixed to a drive plate (43) of frame...
... The figure shows a vertical sectional view of *plastic* *bag* *opening* and *dispensing* apparatus...

16/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014551596 **Image available**
WPI Acc No: 2002-372299/200240
XRPX Acc No: N02-290940

A dispenser for preformed plastic bags comprises the bags folded over a vertical wall one side having a retention hook to align and retain the bags which when pull from the dispenser retains the next bag to be dispensed

Patent Assignee: BOLTON LTD SIMON (BOLT-N); HYPERAMA PLC (HYPE-N)

Inventor: BOLTON S M

Number of Countries: 098 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200232274	A1	20020425	WO 2001GB4545	A	20011012	200240 B
AU 200194018	A	20020429	AU 200194018	A	20011012	200255
EP 1328179	A1	20030723	EP 2001974504	A	20011012	200350
			WO 2001GB4545	A	20011012	
NO 200301759	A	20030614	WO 2001GB4545	A	20011012	200351
			NO 20031759	A	20030415	

Priority Applications (No Type Date): GB 200121936 A 20010911; GB 200025535 A 20001017; GB 200119131 A 20010804

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200232274	A1	E	35	A47F-009/04	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200194018 A A47F-009/04 Based on patent WO 200232274
EP 1328179 A1 E A47F-009/04 Based on patent WO 200232274
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR
NO 200301759 A A47F-009/04

Abstract (Basic):

... Preformed *plastic* *bag* *dispenser*(10) consists of Inverted U shaped side walls(13)fitted over *vertical* central wall(12)with their edges(15)project beyond the wall whose rear face provided with retention hook(16)where a stack of bags having a bottom end a *perforated* tongue are folded over the central wall the side walls hold them in position bag...
...to align and retain the bags in position and in use the side walls and *dispenser* base(11)encourages the user to grasp the front wall of the top bag which is torn along the tongue perforations freeing it from the *dispenser*
... Replaces the dispensers known in prior art requiring cartridges *adhesive* tabs and the like and which can dispense a number of bags at a time...

16/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013898796 **Image available**

WPI Acc No: 2001-383009/200141

XRPX Acc No: N01-280955

Dispenser for plastic shopping bags, comprising opening aid for top of plastic bag

Patent Assignee: RADEMACHER H (RADE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20105184	U1	20010613	DE 2001U2005184	U	20010323	200141 B

Priority Applications (No Type Date): DE 2001U2005184 U 20010323

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 20105184	U1	11	A47F-013/00	

Abstract (Basic):

... The dispenser contains at least one drum with a roll of *plastic* *bags* (12) accommodated n a concave shaped holding segment (9) and rotating around a *horizontal* bar (11). A bag (33,34) can be removed from the *dispenser* by pulling it from the front across a *vertical* positioned front cover (4) and by tearing the *perforated* seam (35) between two adjoining bags (33,34) apart. The lid (25) on top of the *dispenser* is provided with an exchangeable *adhesive* patch (27), *serving* as an *opening* aid. The *plastic* *bag* (33,34) is positioned with one layer (40) on top of the patch (27), where...
... from the dispenser by the customer. The bag can be conveniently opened by using the *adhesive* patch...

...*adhesive* patch (27

16/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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011279986 **Image available**

WPI Acc No: 1997-257889/199723

Related WPI Acc No: 1996-187373

XRAM Acc No: C97-083229

XRPX Acc No: N97-213325

Easily openable slatted receptacle for use in public places - has separate orifices for refuse and recyclable items in cover seated on inclined rigid oval ring secured to inside of slat tops, with thin durable plastic sheet use indicators of contrasting colour on cover top

Patent Assignee: HAAS P C (HAAS-I)

Inventor: HAAS P C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5624050	A	19970429	US 92857379	A	19920325	199723 B
			US 93105905	A	19930901	

Priority Applications (No Type Date): US 93105905 A 19930901; US 92857379 A 19920325

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5624050	A	19	B65F-001/16	CIP of application US 92857379

...Abstract (Basic): A *receptacle* for refuse and recyclable items has a circle of side-by-side *vertical* plastic slats (85) of different length *attached* *to* one or more inside *horizontal* rings to give a smoothly inclined top, and a rigid oval ring angled inwardly and outwardly at positions spaced by 180 deg. and *vertical* at 90 deg. from these positions. The oval ring is secured to the inside of the slat tops and has a seating surface for a cover (143) with *orifices* (137,139) for refuse and recyclable items. Use indicators of thin durable plastic sheet surround the *orifices*, are of contracting colours and have *cutouts* forming words and exposing an underlying surface of different colours. The indicators are preferably of...

...and words. The slats are made e.g. of recycled plastics, and there may be *plastic* *bags* or solid *containers* under the *orifices*.

16/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010313265 **Image available**

WPI Acc No: 1995-214523/199528

Related WPI Acc No: 1994-143872

XRAM Acc No: C95-099233

XRPX Acc No: N95-168244

Fabricating self-opening T-shirt type plastic shopping bags - formed by die cutting handles so as to leave central tabs with slit narrower neck below which spot of *adhesive* is applied

Patent Assignee: KEMANJIAN G (KEMA-I)

Inventor: KEMANJIAN G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5421803	A	19950606	US 93110814	A	19930823	199528 B
			US 94237601	A	19940502	

Priority Applications (No Type Date): US 93110814 A 19930823; US 94237601 A 19940502

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5421803	A	8	B31B-003/62	Div ex application US 93110814 Div ex patent US 5307935

... handles so as to leave central tabs with slit narrower neck below which spot of *adhesive* is applied

...Abstract (Basic): Pack of aligned, pressed together, T-shirt type *plastic* *bags*, are produced for *dispensing* from rack, comprising pair of parallel rods a predetermined distance apart and lying in a...

...other by a distance greater than the distance between the rods and formed by a *cut*-*out* extending downward and inward of the side edges from a central portion of their upper...

...being sealed across their upper edges. The central area of the lower edge defining the *cut*-*out*, also defines an upward extending projecting tab connected to the bag body by a narrower neck portion, the tabs having inner transverse *slots* and the neck portion having transverse *slits* and the neck of the tab of the rear sheet of one bag being lightly...

...the forward sheet of the next bag at a point near to but below the *slits*. The bag are made from a roll of flattened plastic tubing by *perforating* it transversely at predetermined intervals, heat sealing it along a line next to and parallel to each side of the *perforation* to form a tube closed at each end, die cutting out from a preselected end...

...handles sealed at their upper ends and the tabs with narrower neck portions with transverse *slits*, applying hot *adhesive* to preselected spots below the transverse *slit* in the neck of the outside of one sheet of each bag, and immediately placing...

...on standard type racks, are self-opening on removal from the rack. No undesirable tacky *adhesive* residue is left along the upper cut edge of the rear wall of the bag...

...Title Terms: *ADHESIVE*;

16/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008489308 **Image available**

WPI Acc No: 1990-376308/199051

XRAM Acc No: C90-163961

XRPX Acc No: N90-286850

Serially dispensing and automatically opening thermoplastic bags - for T-shirts, utilising inner and outer surfaces having different friction coefficients

Patent Assignee: CUPPLES PAPER BAG (CUPP-N)

Inventor: DEMATTEIS R B

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2008971	A	19901005	CA 2008971	A	19900131	199051 B
US 5013290	A	19910507	US 89334049	A	19890405	199121

Priority Applications (No Type Date): US 89334049 A 19890405

...Abstract (Basic): Serialized bundle of thermoplastic T-shirt *grocery* *bags* (B1, B2...Bn) are produced for *dispensing* from a rack (12) having base and a *vertical* rear support from which a pair of support rods (30) protrude horizontally either side of...

...cut defining a dog-eared flap (36) when it is threaded on one of the *horizontal* supporting rods. Elongate tabs (42) are also formed on the front and back walls of...

...bags together to form a serial bag unit, the bags being stacked and the tabs *fused* together to provide a common wicket (40), and the handles of all the bags are threaded onto the *horizontal* supporting rods using the cuts or *apertures* previously made. Removing a bag from the bag unit forces the dog-eared flaps upon...
...Abstract (Equivalent): disposed away from the mass of bags when threaded onto the rods. The bundle is *fused* together at tab units to provide a common wicket promoted on the support. The wicket is *attached* *to* the rack support and the bundle is threaded at the aperture in the handles to...

16/3,K/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007330511
WPI Acc No: 1987-327518/198746
XRAM Acc No: C87-139638
XRXPX Acc No: N87-245031

Appts. automatically producing hangered plastic bags - enabling simultaneous movement of work stations to compensate for web distortion
Patent Assignee: KAUFMAN A (KAUF-I)
Inventor: KAUFMAN A
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applcat No Kind Date Week
US 4704100 A 19871103 US 86895140 A 19860811 198746 B

Priority Applications (No Type Date): US 86895140 A 19860811

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 4704100 A 12

...Abstract (Basic): Bag-making appts. automatically produces hangered *plastic* *bags* by converting thermoplastic film web *dispensed* in folded multi-ply relationship. The film is advanced continuously through a *horizontal* rectangular frame and a narrow elongate flap ply is formed by folding one edge up and inwards, the *opening* beneath the flap ply thus facing towards the centre of the web. The web is...

...include a slitting device having a blade for cutting a succession of evenly-spaced narrow *slits* in the fold line of the flap ply, means for supplying and inserting a succession...

...hooks and elongate retainer bars beneath the flap ply so that hooks protrude through the *slits* in the fold line, means for heat sealing the flap ply to underlying film, cutting means for segregating the web into uniform hangered *plastic* *bags* by forming uniformly spaced, heat *fused* transverse cuts, and means for pulling the web through the frame. Adjustment of the position...

16/AZ, TI/1 . (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015616121

Plastic bag opening and dispensing apparatus has clamp frame with foam pad and drive plate which fingers to selectively grip bag and gas blower to supply air for opening ends of bag fully

16/AZ, TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014551596

A dispenser for preformed plastic bags comprises the bags folded over a vertical wall one side having a retention hook to align and retain the bags which when pull from the dispenser retains the next bag to be dispensed

16/AZ, TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

013898796

Dispenser for plastic shopping bags, comprising opening aid for top of plastic bag

16/AZ, TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

011807628

Filter for river, lake, well and rain water for producing hygienic drinking water - has membrane filter object joined in bag-like body through vertical and width narrowing film *fusion* parts set at separate positions from side and upper edges respectively

16/AZ, TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

011279986

Easily openable slatted receptacle for use in public places - has separate orifices for refuse and recyclable items in cover seated on inclined rigid oval ring secured to inside of slat tops, with thin durable plastic sheet use indicators of contrasting colour on cover top

16/AZ, TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

010313265

Fabricating self-opening T-shirt type plastic shopping bags - formed by die cutting handles so as to leave central tabs with slit narrower neck below which spot of *adhesive* is applied

16/AZ, TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

009071702

Box for plastics used glasses - includes container on whose upper part is diaphragm whose surface has number of holes with guides for guiding glasses

16/AZ, TI/8 . (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

008852196

Plant-raising unit - uses plastic bag sunk into ground, contg. soil for plant roots and reservoir for water and nutrient soln.

16/AZ, TI/9 (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

008489308

Serially dispensing and automatically opening thermoplastic bags - for T-shirts, utilising inner and outer surfaces having different friction coefficients

16/AZ, TI/10 (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

008061524

Sealing device for plastic sack - has heated jaw *fusing* surfaces of 1 plastic material together with electronic control of temp.

16/AZ, TI/11 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

007330511

Appts. automatically producing hangered plastic bags - enabling simultaneous movement of work stations to compensate for web distortion

16/AZ, TI/12 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

007303870

Household waste disposal device - has collar having lid and fixed in hole in work surface and having clamp ring to hold neck of plastics bag

16/AZ, TI/13 (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

004545635

Tooth-*paste* dispenser with refill in plastics bag - uses spring behind plate for applying pressure to bag, with discharge tube and dispensing device

16/AZ, TI/14 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

001751278

Engine oil drainage device - has tray mounted on U-shaped supports and formed with inclined bottom leading to discharge neck to which plastics bag may be attached

16/AZ, TI/15 (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

001546744

Incinerator feed for sacked refuse - has cutting teeth down sides of feed chute or on distributor table below

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?show files;ds
File 65:Inside Conferences 1993-2003/Oct W4
      (c) 2003 BLDSC all rts. reserv.
File 8:EI Compendex(R) 1970-2003/Oct W3
      (c) 2003 Elsevier Eng. Info. Inc.
File 2:INSPEC 1969-2003/Oct W3
      (c) 2003 Institution of Electrical Engineers
File 94:JICST-EPlus 1985-2003/Oct W4
      (c) 2003 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2003/Oct W4
      (c) 2003 NTIS, Intl Cpyrht All Rights Res
File 144:Pascal 1973-2003/Oct W3
      (c) 2003 INIST/CNRS
File 248:PIRA 1975-2003/Oct W3
      (c) 2003 Pira International
File 323:RAPRA Rubber & Plastics 1972-2003/Oct
      (c) 2003 RAPRA Technology Ltd
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Oct W3
      (c) 2003 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
      (c) 1998 Inst for Sci Info
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep
      (c) 2003 The HW Wilson Co.
File 67:World Textiles 1968-2003/Oct
      (c) 2003 Elsevier Science Ltd.
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Oct 22
      (c) 2003 The Gale Group
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Set	Items	Description
S1	2417579	PLASTIC? OR ACETATE? OR ACRYLIC? OR NEOPRENE OR POLYURETHANE OR POLYVINYL OR POLY() (ETHYLENE OR STYRENE OR URETHANE OR PROPYLENE) OR POLYETHYLENE OR POLYPROPYLENE OR POLYSTYRENE OR POLYVINYLCHLORIDE OR PVC OR VEGETABLE? ? OR GROCER???
S2	140246	BAG OR BAGS OR SACK? ? OR SAC? ? OR WRAPPER? ? OR POUCH??
S3	2056945	DISPENS??? OR SERV??? OR (DOLE? ? OR DOLING OR METE? ? OR -METING OR MEASURE? ? OR MEASURING OR HAND???) () OUT OR APPORTION??? OR BOX?? OR RECEPTACLE? ? OR CONTAINER? ? OR HOPPER? ? -OR PACKAGE? ?
S4	1939816	OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR GAP? ? OR INTERSTIC??? OR INTERSPACE? ? OR PIERCE? ? OR CAVIT??? OR CUTOUT? ? OR CUT() (OUT OR OUTS) OR SLIT OR SLITS -OR SLOT OR SLOTS
S5	948346	LENGTHWISE OR WIDTHWISE OR FLARED OR (T OR TEE) () SHAPE? ? -OR (2 OR TWO OR PERPENDICULAR) () (ARM OR ARMS OR ARMED OR BRANCH???) OR LONGWISE OR SHORTWISE OR VERTICAL OR HORIZONTAL OR TRANSVERSE
S6	2119761	ADHESIVE? ? OR FUS??? OR GLUE? ? OR BOND??? OR CEMENT?? OR (STICK??? OR STUCK OR ATTACH???) () (TO OR TOGETHER) OR MUCILAGE OR MASTIC OR PASTE OR EPOXY
S7	9137	S1()S2
S8	955	S3(10N)S7
S9	42091	S4(10N)S5
S10	0	S6 AND (S8(S)S9)
S11	3185	S3 AND S7
S12	93039	S4 AND S5
S13	0	S6 AND S11 AND S12
S14	1033	S3(S)S9
S15	1	S7 AND S14
S16	5	S2(S)S14
S17	5	S2 AND S14
S18	5	S17 NOT PY>2002
S19	4	S18 NOT PD=20020123:20031130
S20	4	RD (unique items)

20/3,K/1 (Item 1 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00526498 Pira Acc. Num.: 20129234
Title: Efficient form-fill-seal machinery
Authors: Anon
Source: Pharm. Med. Packag. News vol. 6, no. 9, Sept. 1998, p. 32
ISSN: 1081-5481
Publication Year: 1998
Document Type: Journal Article
Language: English

...Abstract: product update on form fill seal machinery is provided. Formost Packaging Machines Inc supplies a *horizontal* form fill seal machine with a top *opening*, adjustable forming *box* and repeatable setting, allowing for quick changeover. The Model RVF-16.5S from Prodo-Pak Corp can produce *pouches* sealed on four sides in multiples ranging from 1-12 across the die face. The MS235 is an intermittent motion vertical form fill seal unit that can fill sachets and *pouches* with powders, granulates, tablets, liquids and creams at speeds of up to 70 stokes/min...
...Descriptors: *POUCH*;

Section Headings: Flexible *bags* *pouches* sachets envelopes (3445); Pharmaceuticals and medical products (3625); Form-fill-seal (3725)

20/3,K/2 (Item 2 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00489123 Pira Acc. Num.: 20090469
Title: Make way for the *pouch* revolution
Authors: Anon
Source: Packag. Week vol. 13, no. 12, 14-21 Aug. 1997, p. 15
ISSN: 0267-6117
Publication Year: 1997
Document Type: Journal Article
Language: English

Title: Make way for the *pouch* revolution
Abstract: The continuing development of lightweight stand up *pouches* is discussed. Developments in the flexible *pouch* industry include "partnerships" within existing product ranges, resealable and refillable *pouches*, new graphic and shaping technologies, and an increased emphasis on product differences using the *pouch* shape and promotional graphics. Benefits of the *Poucher* flexible bottle from Japan's Sumitomo Bakelite Co include the incorporation of a rib to...

... pouring stability, shaping capacity allowing brand differentiation, filling speeds of 140/min for one litre *pouches*, and a leak proof reclosable zipper. New technologies from Nishibe machinery include a side gusset with *horizontal* zipper, and a *pouch* with a tear strip with *holes* for *dispensing* grains. As supermarkets implement Efficient Consumer Response (ECR) the number of stock keeping units within...

Trade Names: *Poucher*
...Descriptors: PLASTIC *POUCH*; ...

...STAND UP *POUCH*
Section Headings: Flexible *bags* *pouches* sachets envelopes (3445)

20/3,K/3 (Item 3 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00445388 Pira Acc. Num.: 20049737

Title: FORM FILL SEAL

Authors: Anon

Source: Food Packer Int. vol. 10, no. 12, Dec. 1995, pp 34, 36-42, 44-45

Publication Year: 1995

Document Type: Journal Article

Language: English

...Abstract: s systems used for snack food, confectionery and bakery products are reviewed including the latest *servo* controlled technology. A multi-lane flow *wrapper* accepts bakery products in rows direct from production lines to reduce product handling. A multi...

... stick pack. A patented range of zipper products includes a zipper tape with pre-printed *opening* and re-closure instructions and tear limiters for use with *vertical* equipment. (10 fig)

20/3,K/4 (Item 4 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2003 Pira International. All rts. reserv.

00209801 Pira Acc. Num.: 9438160 Pira Abstract Numbers: 03-90-03245

Title: A NEW HIGH-SPEED, ASEPTIC *POUCH* PACKAGING SYSTEM FOR LOW AND HIGH ACID PARTICULATE FOODS

Authors: Weikert T A

Source: Paper presented at 'Coex 89: 10th International Coextrusion Conference', held 20-22 September 1989, Princeton, NJ, USA, pp 193-202 [Princeton, NJ, USA: Schotland Business Research Inc., 1989, 320pp, \$323.00 (678.027.3)(6132)

Publication Year: 1989

Document Type: Conference Publication

Language: English

Title: A NEW HIGH-SPEED, ASEPTIC *POUCH* PACKAGING SYSTEM FOR LOW AND HIGH ACID PARTICULATE FOODS

Abstract: *Pouch* packaging is flexible plastic film structure packaging, with advantages including reduced *container* and warehouse costs, dent-proof *packages* not hazardous on *opening*, and reduced disposal costs. Asepak's model 5200 *horizontal* filler, with flow metre control, is described. The steam supply, the coalescent steam filter, strategically located pressure gauges and distribution manifold *serving* the miniature tubes on the product tube, are also discussed. Methods of ensuring internal sterility...

... and labelling are considered. Emergency and temporary shutdown may be achieved without excessive waste of *pouches*. The product can be cleaned-in-place. Internal commercial sterility is unique to all three basic types of Asepak *pouches*; three-layer, five-layer and multi-layer.

...Descriptors: *POUCH*;

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?show files;ds
File 15:ABI/Inform(R) 1971-2003/Oct 25
    (c) 2003 ProQuest Info&Learning
File 990:NewsRoom Current 2003/Oct 27
    (c) 2003 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2003/Oct 24
    (c) 2003 The Gale group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 27
    (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 24
    (c) 2003 The Gale Group
File 483:Newspaper Abs Daily 1986-2003/Oct 25
    (c) 2003 ProQuest Info&Learning
File 484:Periodical Abs Plustext 1986-2003/Oct W3
    (c) 2003 ProQuest
File 141:Readers Guide 1983-2003/Sep
    (c) 2003 The HW Wilson Co
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Set	Items	Description
S1	829789	PLASTIC? OR ACETATE? OR ACRYLIC? OR NEOPRENE OR POLYURETHANE OR POLYVINYL OR POLY() (ETHYLENE OR STYRENE OR URETHANE OR - PROPYLENE) OR POLYETHYLENE OR POLYPROPYLENE OR POLYSTYRENE OR POLYVINYLCHLORIDE OR PVC OR VEGETABLE? ? OR GROCER???
S2	386049	BAG OR BAGS OR SACK? ? OR SAC? ? OR WRAPPER? ? OR POUCH??
S3	6786782	DISPENS??? OR SERV??? OR (DOLE? ? OR DOLING OR METE? ? OR - METING OR MEASURE? ? OR MEASURING OR HAND???) ()OUT OR APPORTION??? OR BOX?? OR RECEPTACLE? ? OR CONTAINER? ? OR HOPPER? ? - OR PACKAGE? ?
S4	1729509	OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR GAP? ? OR INTERSTIC??? OR INTERSPACE? ? OR PIERCE? ? OR CAVIT??? OR CUTOUT? ? OR CUT() (OUT OR OUTS) OR SLIT OR SLITS - OR SLOT OR SLOTS
S5	256245	LENGTHWISE OR WIDTHWISE OR FLARED OR (T OR TEE) ()SHAPE? ? - OR (2 OR TWO OR PERPENDICULAR) ()(ARM OR ARMS OR ARMED OR BRANCH???) OR LONGWISE OR SHORTWISE OR VERTICAL OR HORIZONTAL OR TRANSVERSE
S6	1041793	ADHESIVE? ? OR FUS??? OR GLUE? ? OR BOND??? OR CEMENT?? OR (STICK??? OR STUCK OR ATTACH???) ()(TO OR TOGETHER) OR MUCILAGE OR MASTIC OR PASTE OR EPOXY
S7	29000	S1()S2
S8	5341	S3(10N)S7
S9	6519	S4(10N)S5
S10	0	S6 AND (S8(S)S9)
S11	556	S3(S)S9
S12	4	S7(S)S11
S13	14	S2(\$)S\$1
S14	13	S13 NOT PY>2002
S15	13	S14 NOT PD=20020123:20031130
S16	12	RD (unique items)

16/3,K/2 . (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00608133 92-23236
Getting It Out of the Bag
Ballister-Howells, Pegi
BioCycle v33n3 PP: 50-54 Mar 1992
ISSN: 0276-5055 JRNL CODE: BIO
WORD COUNT: 4274

...TEXT: handling recyclables collected in plastic bags.

The bagged commingled recyclables can be loaded into the *hopper* using a loader or grapple. A spiked drag chain then moves the *bags* through a trough feeding the *opening* mechanism. Two *horizontal* wheels are edged in *vertical* spikes. The wheels rotate in opposite directions. The *bags* in the trough drop down onto the rotating wheels. Pressure is applied to the *bags* to encourage the plastic to be hooked by the vertical spikes. As the wheels rotate away from each other, the *bags* are pulled apart and the contents spill out onto a conveyor. The *bag*, which is in one or two large pieces, clings to the spikes until it is...

16/3,K/6 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01388617 Supplier Number: 46429868 (USE FORMAT 7 FOR FULLTEXT)
CORELCO OFFERS SERIES OF EXTRUSION MACHINES FOR THE PRODUCTION OF SQUARE OR RECTANGULAR PLASTIC NETTING
News Release, pN/A
June 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 350

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
...for a wide array of applications, including filtration, orchard protection, soil stabilization, windbreaks, warning netting, *bags*, and small mesh perforated film for the automatic packaging of produce.
Thermoplastics for the new...

...When the mandrel is pressed down onto the ring, the plastic is forced through the *slots* to form *vertical* filaments. When the mandrel is raised slightly, the plastic escapes to form rings. These are...

...comprises an extruder and an extrusion head with a hydraulic control system (dual-action actuator, *servo*-valve and associated subassembly and hydraulic power pack). It also includes a water bath for...

16/3,K/10 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2003 ProQuest Info&Learning. All rts. reserv.

06327343 SUPPLIER NUMBER: 68576220
A Marriage of Convenience
Hesser, Amanda
New York Times, p 1
Feb 14, 2001
ISSN: 0362-4331 NEWSPAPER CODE: NYT
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: heat until it begins to smell nutty and turn brown. Set aside. Warm 4 large *serving* bowls in a 175-degree oven.4. Add 4 pasta sheets to boiling water, and cook for about 90 seconds. Using tongs, gently transfer each to a *serving* bowl, laying it across so that ends hang over edge of bowl. Roll each handful of greens in a slice of ham; using tongs, dip *package* in boiling pasta water for 2 or 3 seconds. Shake off excess water, and place...

...char all over. When they are fully blistered, place them in a paper or plastic *bag*. Let cool, then peel the peppers. When you cut them open, catch any pepper liquid in a small bowl. Trim off stem end, scrape out seeds and *cut* *out* ribs. Then slice *lengthwise* into 1/4-inch-wide strips.2. In a small baking dish, combine peppers, capers...

...still runny. Remove from burner.5. Drain pasta, and pour it into a large, warm *serving* bowl. Using 2 forks, toss in the baked peppers and fried eggs, adding some of...

...water if it gets too thick.6. Season to taste with salt and pepper, and *serve*, passing cheese on the side.

16/3,K/12 (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2003 ProQuest. All rts. reserv.

02851352 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Untitled extract

Wicomb, Zoe

World Literature Today (PWLT), v70 n1, p150-156

Winter 1996

ISSN: 0196-3570 JOURNAL CODE: PWLT

DOCUMENT TYPE: Fiction

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6904 LENGTH: Long (31+ col inches)

TEXT:

... grandeur still trapped between the pages, she made do with the writing on the new *packages* of Mealie Meal that replaced the minimal print of the old cotton *bags* -- print that faded in time as the *bags* were unpicked and washed for making broekies. But best of all there were the occasional...

...the rough and tumble of five-stone-in-a-circle, or ten-stone-in-the-*hole*, settled down, either reading in the *horizontal*, or doing her homework at the kitchen table, while her whirlwind brothers chased after inflated...

16/AA,AN,TI/1 (Item 1 from file: 15)
DIALOG(R)File 15:(c) 2003 ProQuest Info&Learning. All rts. reserv.

00720855 93-70076
Latest developments in debugging systems

16/AA,AN,TI/2 (Item 2 from file: 15)
DIALOG(R)File 15:(c) 2003 ProQuest Info&Learning. All rts. reserv.

00608133 92-23236
Getting It Out of the Bag

16/AA,AN,TI/3 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

05906833. SUPPLIER NUMBER: 65540879
MEXICAN LIGHTS. (Mexican foods and recipes)

16/AA,AN,TI/4 (Item 2 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

03884166 SUPPLIER NUMBER: 13812543
Easy but dressy dinner ideas. (recipes)

16/AA,AN,TI/5 (Item 3 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

02670725 SUPPLIER NUMBER: 03749909
15-minute dinners. (recipes)

16/AA,AN,TI/6 (Item 1 from file: 621)
DIALOG(R)File 621:(c) 2003 The Gale Group. All rts. reserv.

01388617 Supplier Number: 46429868
**CORELCO OFFERS SERIES OF EXTRUSION MACHINES FOR THE PRODUCTION OF SQUARE OR
RECTANGULAR PLASTIC NETTING**

16/AA,AN,TI/7 (Item 2 from file: 621)
DIALOG(R)File 621:(c) 2003 The Gale Group. All rts. reserv.

01238380 Supplier Number: 44308862
SONOCO FILES PATENT INFRINGEMENT SUITS

16/AA,AN,TI/8 (Item 1 from file: 636)
DIALOG(R)File 636:(c) 2003 The Gale Group. All rts. reserv.

04772749 Supplier Number: 65067619
**Wisk Dual Action Laundry Detergent - Tablet MANUFACTURER: Unilever
CATEGORY: 423 - Laundry Soaps & Detergents.**

16/AA,AN,TI/9 (Item 2 from file: 636)
DIALOG(R)File 636:(c) 2003 The Gale Group. All rts. reserv.

02779220 Supplier Number: 45640092
Online nondestructive inspection systems

16/AA,AN, TI/10 (Item 1 from file: 483)
DIALOG(R)File 483:(c) 2003 ProQuest Info&Learning. All rts. reserv.

06327343 SUPPLIER NUMBER: 68576220
A Marriage of Convenience

16/AA,AN, TI/11 (Item 1 from file: 484)
DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

04855870 SUPPLIER NUMBER: 60858405
South of the border cuisine: Fiesta flavors of Mexico

16/AA,AN, TI/12 (Item 2 from file: 484)
DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

02851352
Untitled extract